

# SEQUENCE LISTING

<110> Taremi, S S  
Xie, Gaolian  
Hesson, Thomas E  
Duca, Jose S  
Strickland, Corey  
Windsor, William  
Madison, Vincent  
Zhang, Rumin  
Reichert, Paul

<120> Soluble, Stable Form of Hdm2, Crystalline Forms Thereof and Methods of Use Thereof

<130> JB06017US01

<150> US 60/461,787

<151> 2003-04-10

<150> US 60/547,265

<151> 2004-02-24

<160> 18

<170> PatentIn version 3.1

<210> 1

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<212> DNA

<213> Homo sapiens

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cttggccagt atattatgac taaacgatta tatgatgaga agcaacaaca tattgtatat	180
tgttcaaagt atcttctagg agatttgttt ggcgtgccaa gcttctctgt gaaagagcac	240
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gactcaggta catctgtgag tgagaac	327

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<213> Homo sapiens

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Leu	Leu	Leu	Lys	Leu	Leu	Lys	Ser	Val	Gly	Ala	Gln	Lys	Asp	Thr	Tyr
			20					25					30		

Thr	Met	Lys	Glu	Val	Leu	Phe	Tyr	Leu	Gly	Gln	Tyr	Ile	Met	Thr	Lys
		35					40					45			

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Tyr Cys Ser Asn Asp  
50 55 60

Leu Leu Gly Asp Leu Phe Gly Val Pro Ser Phe Ser Val Lys Glu His  
65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val Val Asn Gln  
85 90 95

Gln Glu Ser Ser Asp Ser Gly Thr Ser Val Ser Glu Asn  
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L, K, R, Q, E, D, or S

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L, K, R, Q, E, D, or S

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 cttggccagt atattatgac taaacgatta tatgatgaga agcaacaaca tattgtannn 180  
 tgttcaaatg atnnnctagg agatttggtt ggcgtgnnna gcttctctgt gaaagagcac 240  
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Xaa Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr  
20 25 30

Thr Met Lys Glu Val Leu Xaa Tyr Leu Gly Gln Tyr Ile Met Thr Lys  
35 40 45

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Xaa Cys Ser Asn Asp  
50 55 60

Xaa Leu Gly Asp Leu Phe Gly Val Xaa Ser Phe Ser Val Lys Glu His  
65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Xaa Arg Asn Leu Val Val Val Asn Gln  
85 90 95

Gln Glu Ser Ser Asp Ser Gly Thr Ser Val Ser Glu Asn  
100 105

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cttggccagt atattatgac taaacgatta tatgatgaga agcaacaaca tattgtacat 180  
tgttcaaagt atcttctagg agatttggtt ggcgtgccaa gcttctctgt gaaagagcac 240  
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<213> Homo sapiens

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Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Pro  
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Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr  
20 25 30

Thr Met Lys Glu Val Leu Phe Tyr Leu Gly Gln Tyr Ile Met Thr Lys  
35 40 45

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val His Cys Ser Asn Asp  
50 55 60

Leu Leu Gly Asp Leu Phe Gly Val Pro Ser Phe Ser Val Lys Glu His  
65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val Val Asn Gln  
85 90 95

Gln Glu Ser Ser Asp Ser Gly Thr Ser Val Ser Glu Asn  
100 105

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cttggccagt atattatgac taaacgatta tatgatgaga agcaacaaca tattgtatat 180  
tgttcaaagt atcttctagg agatttggtt gccgtgccaa gcttctctgt gaaagagcac 240  
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Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Pro  
1 5 10 15

Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr  
20 25 30

Thr Met Lys Glu Val Leu Tyr Tyr Leu Gly Gln Tyr Ile Met Thr Lys  
35 40 45

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Tyr Cys Ser Asn Asp  
50 55 60

Leu Leu Gly Asp Leu Phe Gly Val Pro Ser Phe Ser Val Lys Glu His  
65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val Val Asn Gln  
85 90 95

Gln Glu Ser Ser Asp Ser Gly Thr Ser Val Ser Glu Asn  
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cttggccagt atattatgac taaacgatta tatgatgaga agcaacaaca tattgtacat 180  
tgttcaaatg atcttctagg agatttggtt ggctgtgcaa gcttctctgt gaaagagcac 240  
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Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Pro  
1 5 10 15

Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr  
20 25 30

Thr Met Lys Glu Val Leu Tyr Tyr Leu Gly Gln Tyr Ile Met Thr Lys  
35 40 45

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val His Cys Ser Asn Asp  
50 55 60

Leu Leu Gly Asp Leu Phe Gly Val Pro Ser Phe Ser Val Lys Glu His  
65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val Val Asn Gln  
85 90 95

Gln Glu Ser Ser Asp Ser Gly Thr Ser Val Ser Glu Asn  
100 105

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tgttcaaagt ataaactagg agatttggtt ggcgtgaaaa gcttctctgt gaaagagcac 240  
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Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Lys Val Arg Pro Lys Pro  
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Lys Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Lys Asp Thr Tyr  
20 25 30

Thr Met Lys Glu Val Leu His Tyr Leu Gly Gln Tyr Ile Met Thr Lys  
35 40 45

Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Lys Cys Ser Asn Asp  
50 55 60

Lys Leu Gly Asp Leu Phe Gly Val Lys Ser Phe Ser Val Lys Glu His  
65 70 75 80

Arg Lys Ile Tyr Thr Met Ile Tyr Arg Asn Leu Val Val Val Asn Gln  
85 90 95

Gln Glu Ser Ser Asp Ser Gly Thr Ser Val Ser Glu Asn  
100 105

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